International application No. PCT/AU2005/000173

		FC1/AU2005/0				
Α. (CLASSIFICATION OF SUBJECT MATTER		•			
Int. Cl. 7:	G06F 3/02					
According to I	international Patent Classification (IPC) or to both	national classification and IPC				
	FIELDS SEARCHED					
Minimum docur	mentation searched (classification system followed by c	lassification symbols)				
D	and all all and an initial designmentation to the ext	ent that such documents are included in the fields searche	wł			
Electronic data DWPI, USPI	base consulted during the international search (name of FO, PCT, IEEE, internet (user interface, tangi	data base and, where practicable, search terms used) ble, RFID, orient, facet, dice, shield, etc.)				
C . 1	DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.			
Х	R. J. K. Jacob et al, A Tangible Interface for Proc. ACM CHI Conference on Human Fac	r Organizing Information Using a Grid tors in Computing Systems, pp. 339-46, 2002	1-2, 4-7, 11, 16-18, 20			
x	US 2001/0035815 A1 (FLETCHER et al), 1 the whole document	November 2001	1-2, 4-7, 11, 16-18, 20			
x	US 6,167,353 A (PIERNOT et al), 26 Dece the whole document	mber 2000	1-2, 20			
x	US 6,356,255 B1 (WEIL et al), 12 March 2 the whole document	002	1-2, 20			
X F	urther documents are listed in the continuatio	n of Box C X See patent family anne	x			
"A" document not consi	idered to be of particular relevance pplication or patent but published on or after the "X" onal filing date	ater document published after the international filing date or pri onflict with the application but cited to understand the principle underlying the invention locument of particular relevance; the claimed invention cannot be a cannot be considered to involve an inventive step when the de-	e or theory se considered novel			
or which	alone document which may throw doubts on priority claim(s) ich is cited to establish the publication date of er citation or other special reason (as specified) alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other section or other special reason (as specified) alone					
"O" documen	t referring to an oral disclosure, use, exhibition	ocument member of the same patent family				
but later	than the priority date claimed	T				
Date of the actu 29 March 20	al completion of the international search	Date of mailing of the international search report 1 8 APR 2005	•			
L	ing address of the ISA/AU	Authorized officer				
AUSTRALIAN PO BOX 200, V	PATENT OFFICE WODEN ACT 2606, AUSTRALIA pct@ipaustralia.gov.au	MATTHEW HOLLINGWORTH	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			
Facsimile No. (Telephone No: (02) 6283 2024				

International application No.
PCT/AU2005/000173

ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	US 5,823,782 A (MARCUS et al), 20 October 1998 the whole document	1-2, 20
x	US 5,188,368 A (RYAN), 23 February 1993 the whole document	1-2, 20
X	B. Ullmer et al, The metaDESK: Models and Prototypes for Tangible User Interfaces Proc. ACM Symposium on User Interface Software and Technology, pp. 223-32, 1997	1-2, 20
x	GDT Projects website, DGT Electronic Chessboard page, as archived December 2003 http://web.archive.org/web/20031207090754/www.dgtprojects.com/eboard.htm http://web.archive.org/web/20031206104544/www.dgtprojects.com/eboard_features.htm	1-2, 20
x	US 2002/0147042 A1 (VUONG et al), 10 October 2002 paragraph 64	9-10
x	JP 2002-320763 A (TOPPAN FORMS CO LTD), 5 November 2002 the whole document	9-10
		-

International application No. PCT/AU2005/000173

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to from a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are five inventions:

- 1. Claims 1-8 and 11-21, directed to user interfaces. The detection of counters on a work surface is considered to be a first "special technical feature."
- 2. Claims 9-10, directed to an RFID counter. The use of two RFID tags separated by a magnetic shield is a second "special technical feature."

Since the abovementioned groups of claims do not share any technical features, a "technical relationship" between the inventions, as defined in PCT rule 13.2 does not exist. Accordingly, the international application does not relate to one invention or to a single inventive concept.

Form PCT/ISA/210 (extra sheet)(January 2004)

International application No.

PCT/AU2005/000173

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internat	ional search report has not been established in respect of certain claims under Article 17(2)(a) for the following
1.	Claims Nos.:
_ ;	because they relate to subject matter not required to be searched by this Authority, namely:
	Claims Nos.:
1	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
	Claims Nos.:
	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Interna	tional Searching Authority found multiple inventions in this international application, as follows:
See extr	a sheet.
	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on	Protest
	X No protest accompanied the payment of additional search fees.

Information on patent family members

International application No. PCT/AU2005/000173

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	2001035815	บรุ	6791452		· · · · · · · · · · · · · · · · · · ·		
US	6167353	AU	19994/99	AU	36504/97	AU	66460/96
•		CA	2314985	EP	0842490	EP	1038213
		US	5953686	US	6047249	US	6262711
		US	2002126085	wo	9706479	ŴΟ	9800774
	•	wo	9931569		• •		
US	6356255	US	6556184	US	2002033801	US	2004008182
US	5823782	US	6464503	US	6726485	US	6729881
		· US	6739874	US	6755655	US	2002160340
		US	2003027108	US	2003027109	US	2003027110
		US	2003031988	US	2003148249	US	2004002042
		US	2004063078	US	2004063079	. US	2004091844
		US	2004121293	US	2004142308	US	2004142309
		US	2004142310	US	2004142311	US	2004146843
•		US	2004146844	US	2004214143	US	2004214144
		US	2004219495				
US	5188368	AU	66301/90	EP	0360624 .	wo	9106352
US	2002147042	NONE					
JP	2002320763	NONE					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX